



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/779,141
		Filing Date	02/08/2001
		First Named Inventor	Hiroyuki Osakabe
		Art Unit	3743
		Examiner Name	Terrell L. McKinnon
Total Number of Pages in This Submission		Attorney Docket Number	4041J-000229/DVA

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) < (please identify below):
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<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name Michael J. Schmidt	Reg. No. 34,007
Signature			
Date	October 4, 2004		

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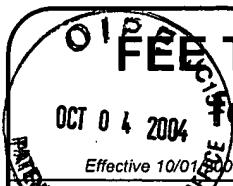
Typed or printed name	Michael J. Schmidt	Express Mail Label No.	EV 406 076 618 US (10/4/2004)
Signature		Date	October 4, 2004

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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 FEE TRANSMITTAL for FY 2005 <small>OCT 04 2004</small> <small>Effective 10/01/2004. Patent fees are subject to annual revision.</small>		Complete if Known	
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TOTAL AMOUNT OF PAYMENT (\$ 88			

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																											
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account: Deposit Account Number 08-0750 Deposit Account Name Harness, Dickey & Pierce, P.L.C.		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Code</td> <td>Fee (\$)</td> </tr> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet.</td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for reexamination</td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> </tr> <tr> <td>1252</td> <td>430</td> <td>2252</td> <td>215</td> <td>Extension for reply within second month</td> </tr> <tr> <td>1253</td> <td>980</td> <td>2253</td> <td>490</td> <td>Extension for reply within third month</td> </tr> <tr> <td>1254</td> <td>1,530</td> <td>2254</td> <td>765</td> <td>Extension for reply within fourth month</td> </tr> <tr> <td>1255</td> <td>2,080</td> <td>2255</td> <td>1,040</td> <td>Extension for reply within fifth month</td> </tr> <tr> <td>1401</td> <td>340</td> <td>2401</td> <td>170</td> <td>Notice of Appeal</td> </tr> <tr> <td>1402</td> <td>340</td> <td>2402</td> <td>170</td> <td>Filing a brief in support of an appeal</td> </tr> <tr> <td>1403</td> <td>300</td> <td>2403</td> <td>150</td> <td>Request for oral hearing</td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - 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SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Michael J. Schmidt	Registration No. (Attorney/Agent)	34,007	Telephone (248) 641-1600
Signature			Date	October 4, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/779,141

Filing Date: 02/08/2001

Applicant: Hiroyuki Osakabe

Group Art Unit: 3743

Examiner: Terrell L. McKinnon

Title: COOLING APPARATUS BOILING AND CONDENSING
REFRIGERANT

Attorney Docket: 4041J-000229/DVA

Mail Stop AF
Director of The United States Patent and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT

Sir:

In response to the Office Action mailed July 2, 2004, Paper No./Mail Date
20040628, please amend and reconsider the above referenced patent application as follows.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 7 of this paper.